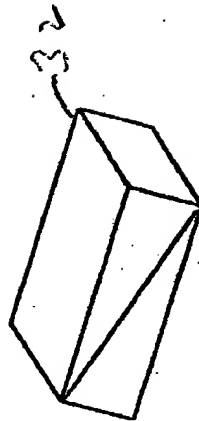


30

Wollaston



38

3A

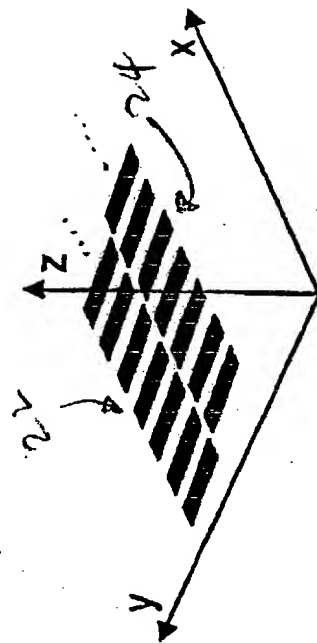


FIG. 2

Front view

Side view

30

30

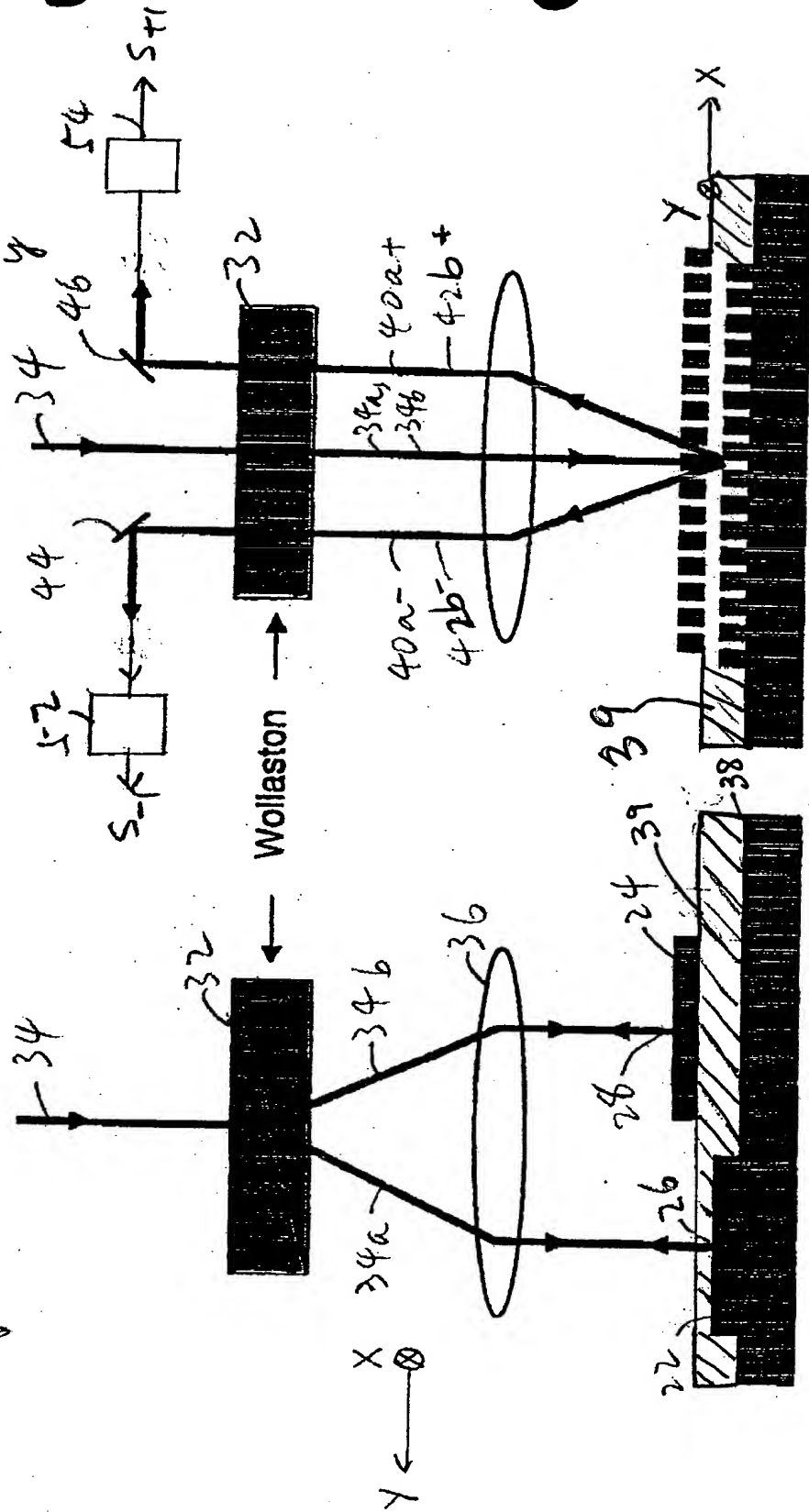


FIG. 3A

FIG. 3B

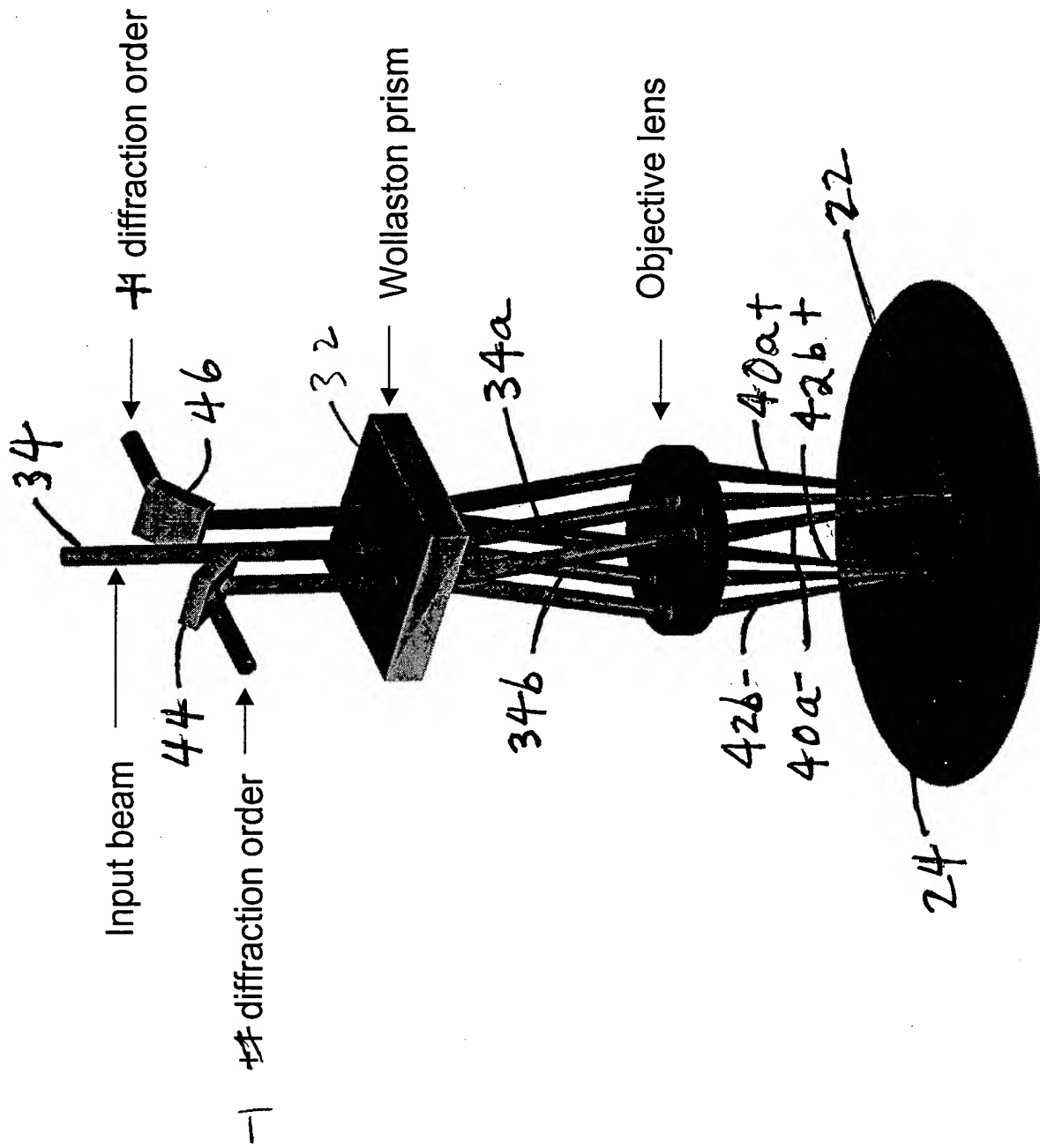


Fig. 3C

Optics train

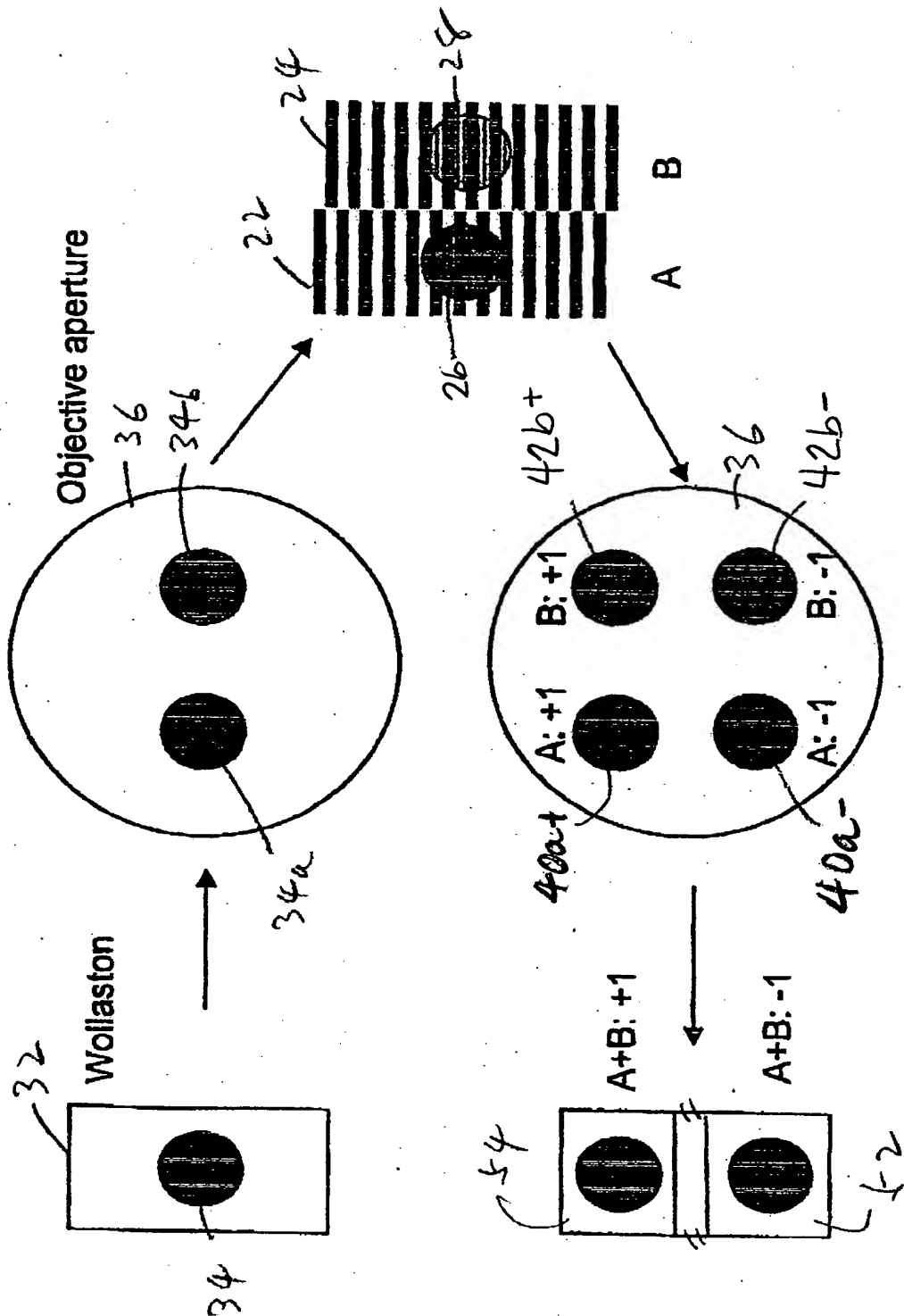
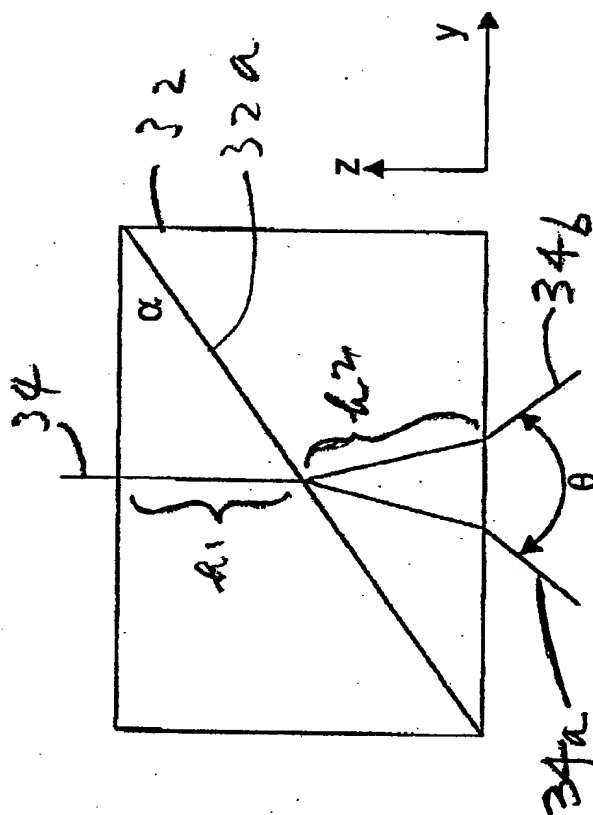


FIG. 4

5165



Overlay error calculation

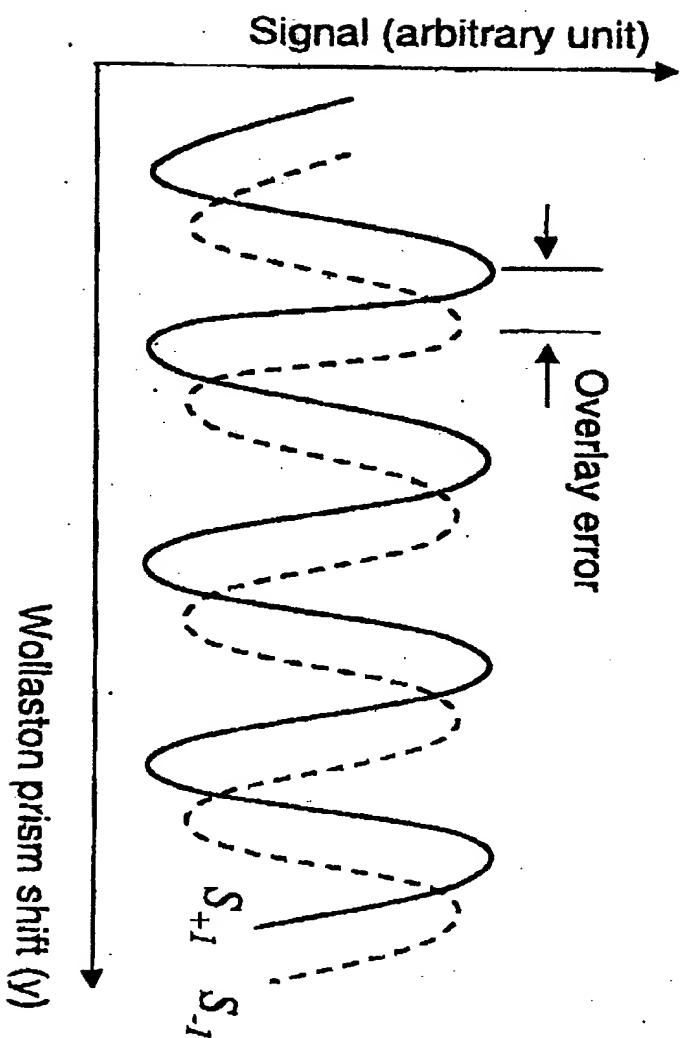


Fig. 6

09639495.001400

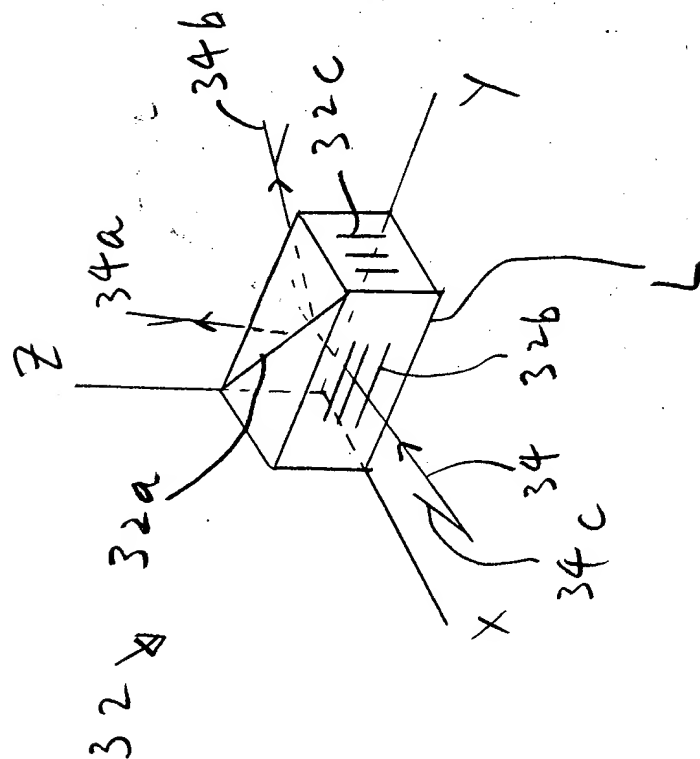


FIG. 7A

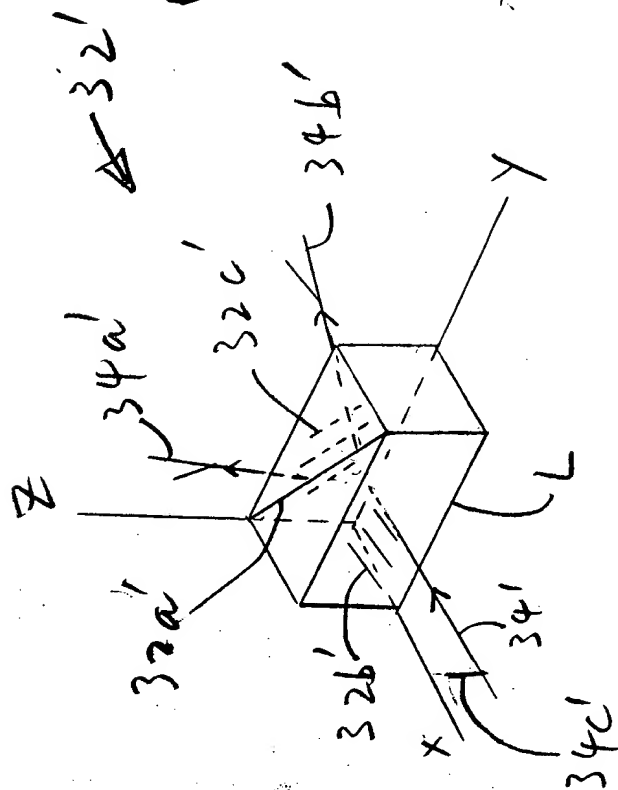
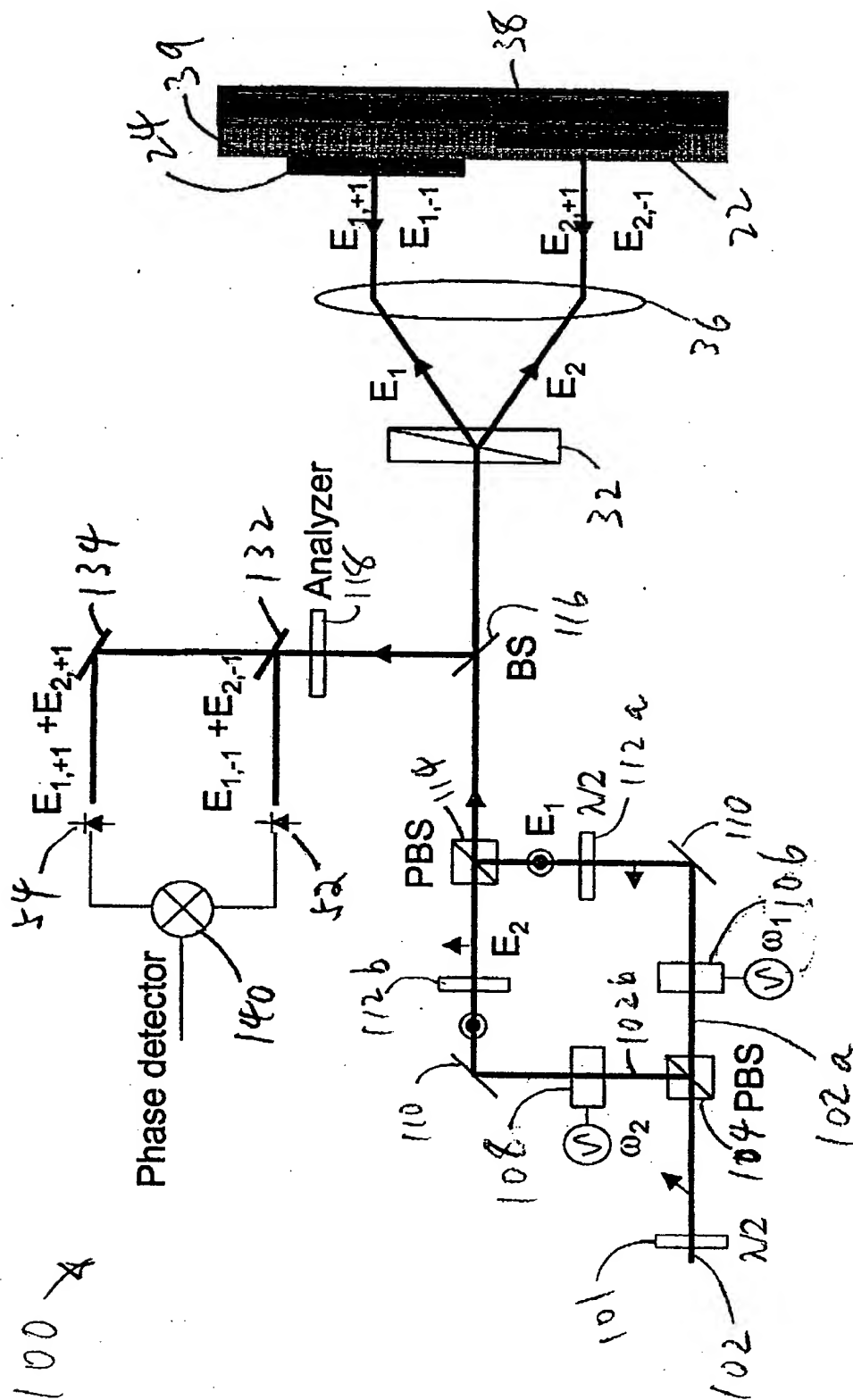
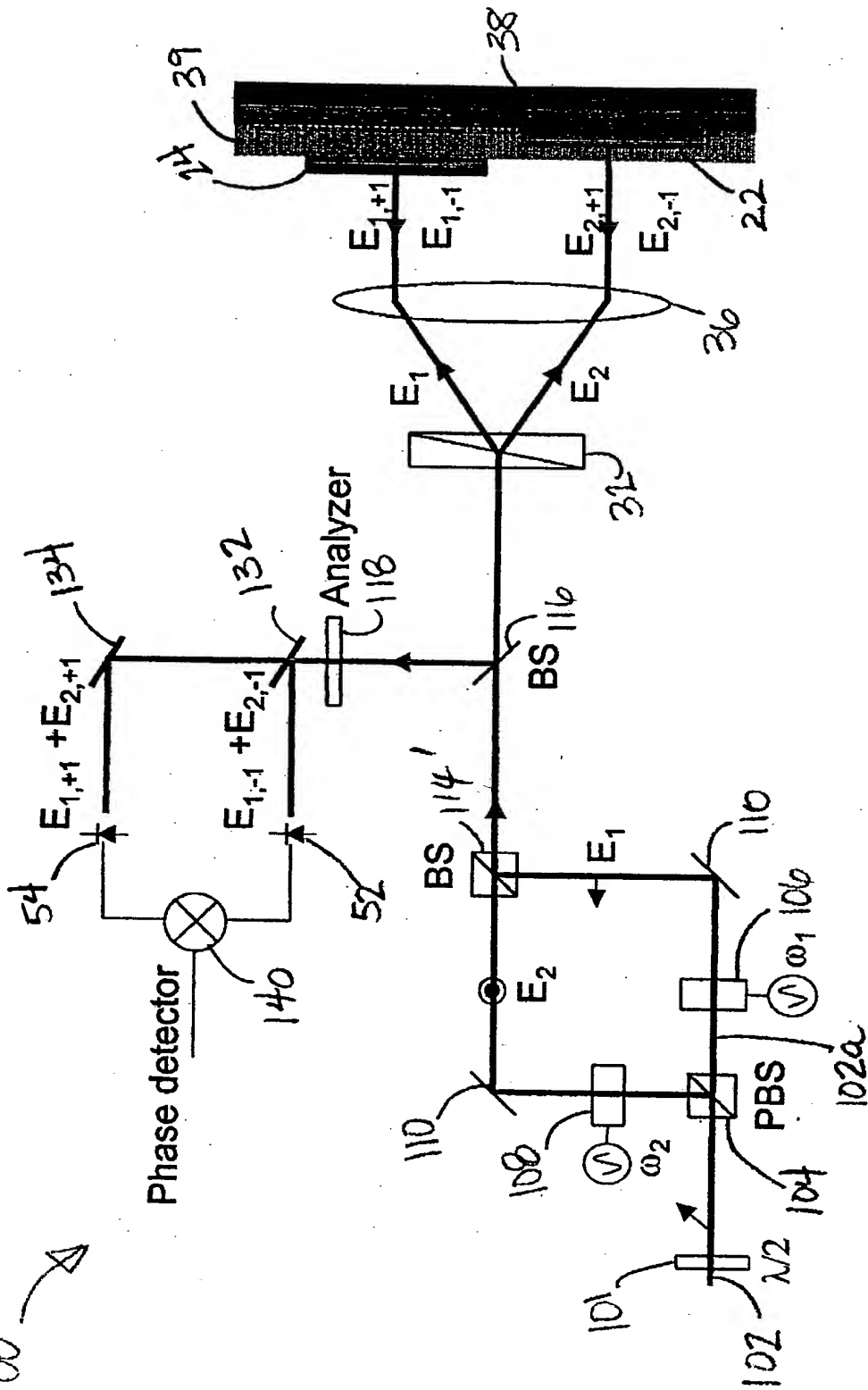


FIG. 7B

100 ✓

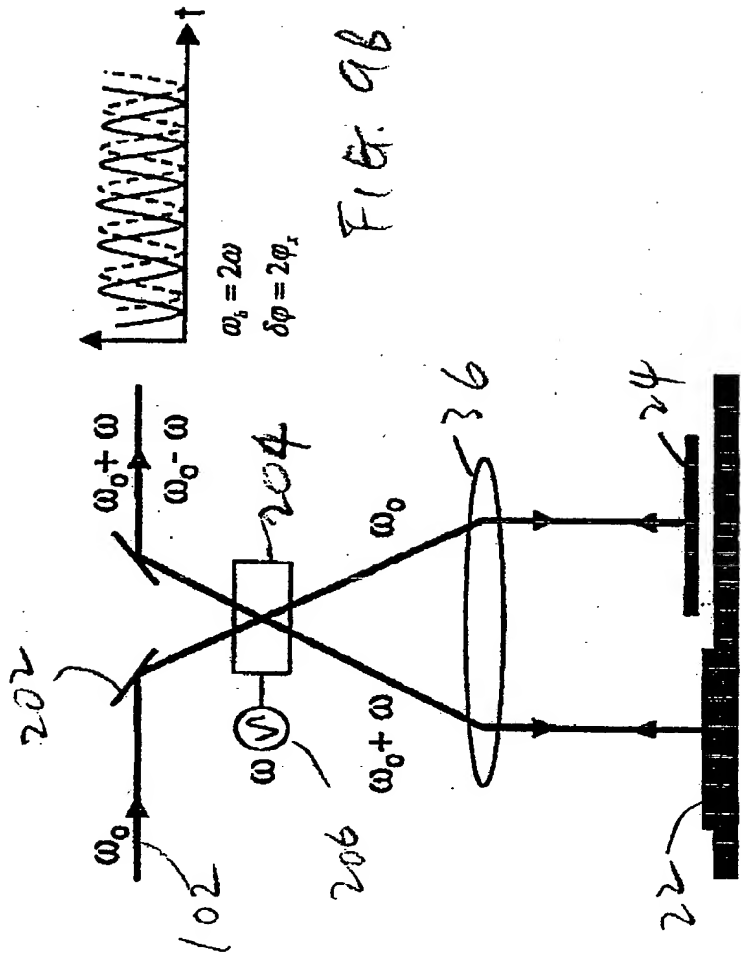


100'



Single AOD Heterodyne detection

200



upshift
splitter

M. H. Kamekura
2/24/2000

Graham 02/24/00

FIG. 9A

KLA Tencor

Mercury Division

1/20/00

CONFIDENTIAL

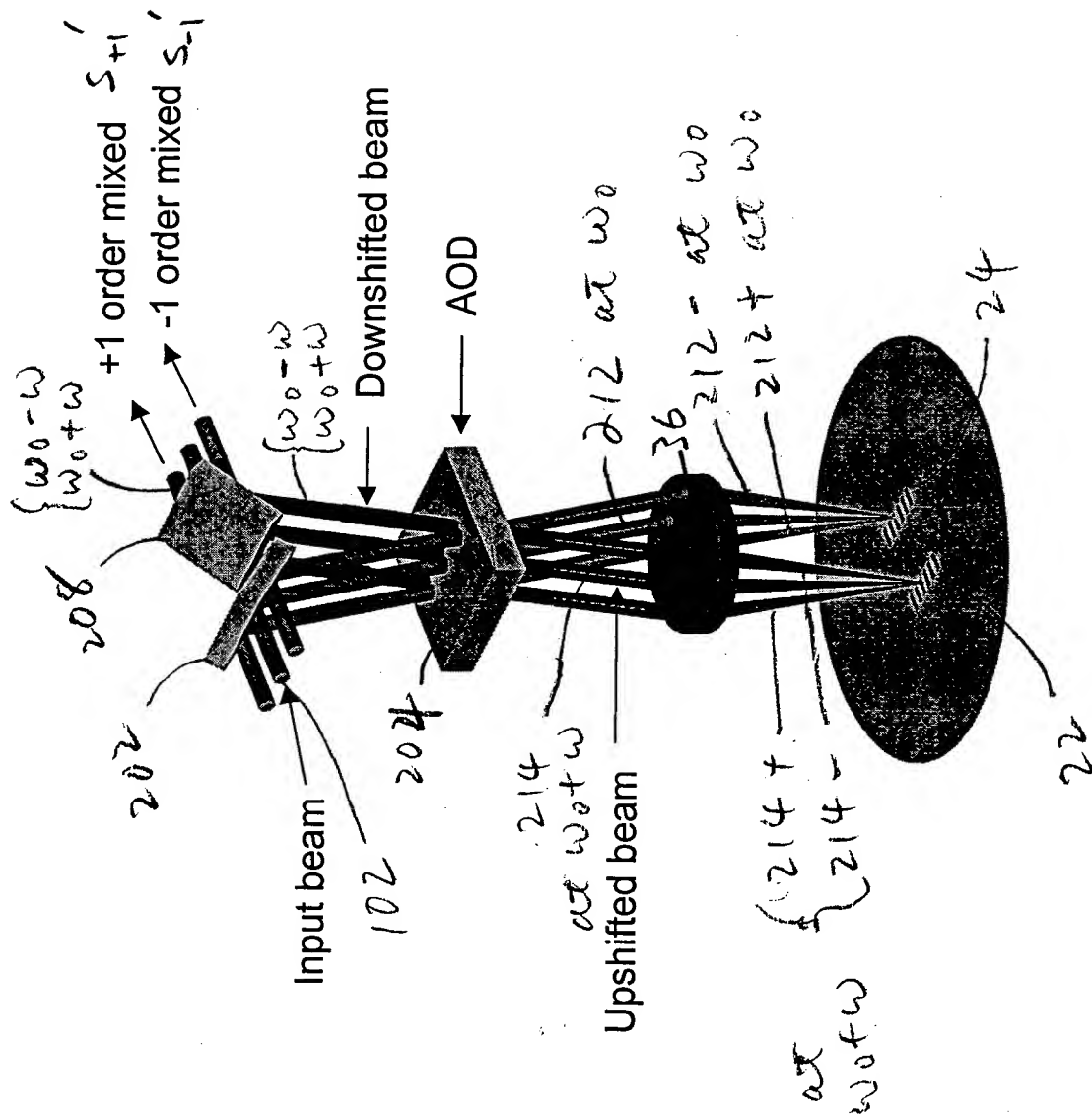


FIG. 9C

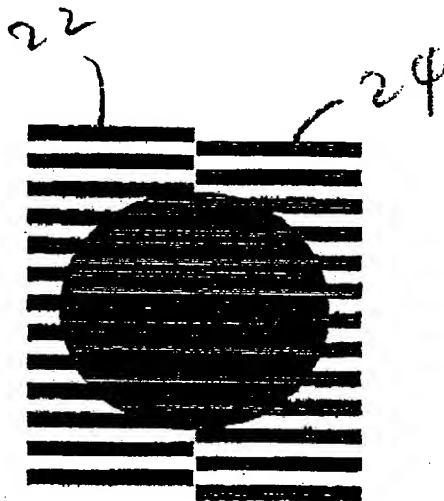


FIG. 10.

0047800 56450350

004780" 56466960

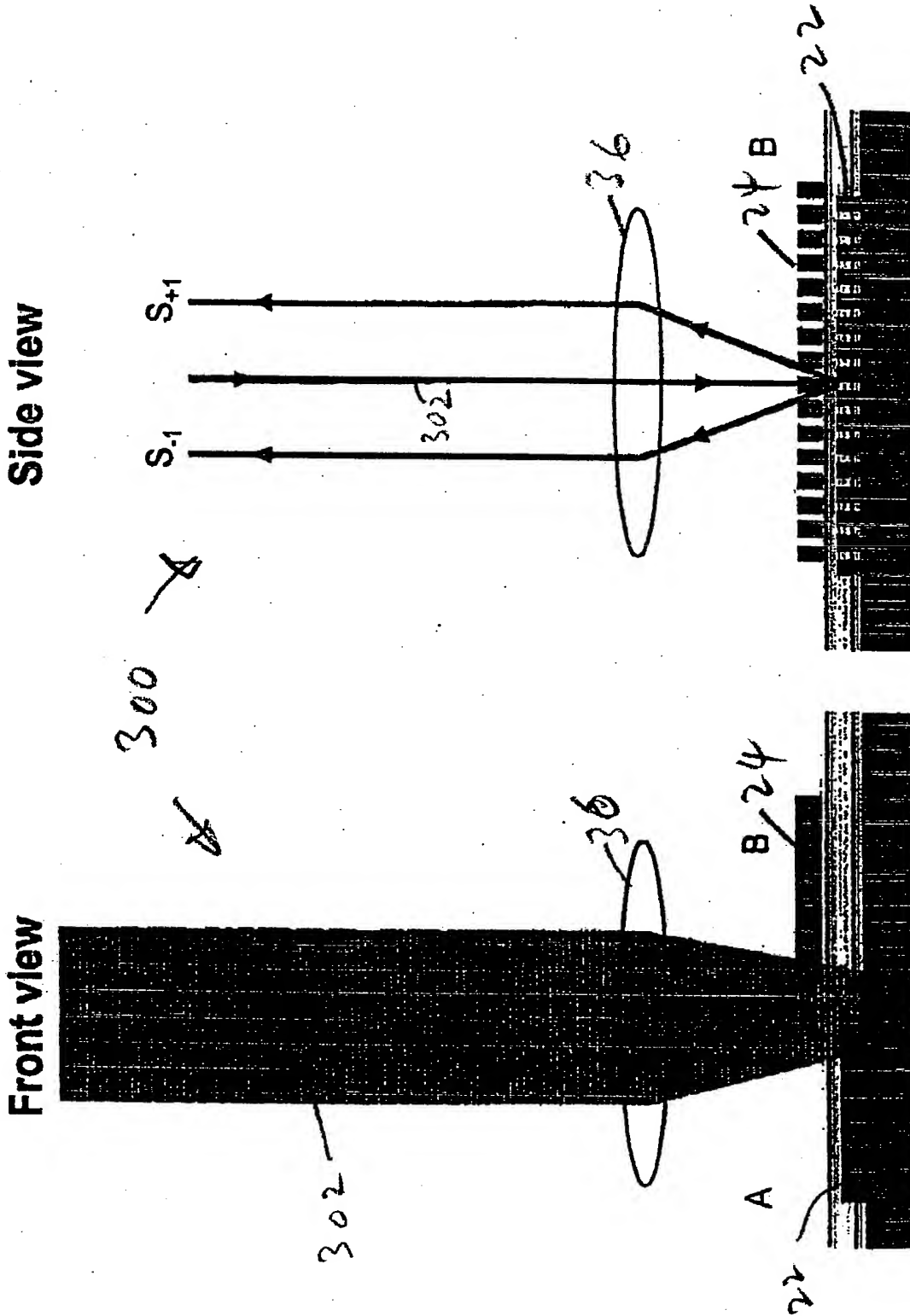
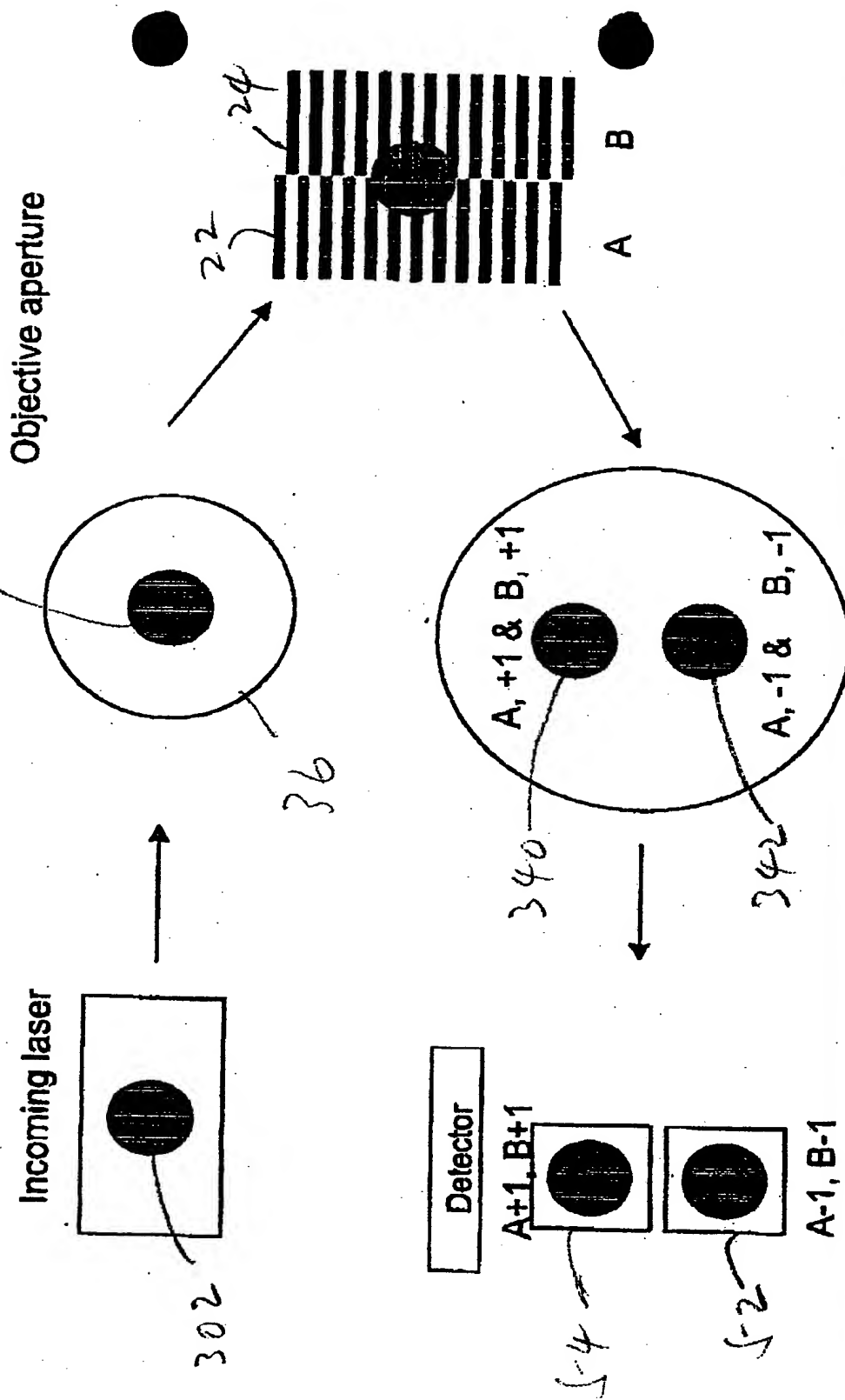


FIG. 11A

FIG. 11B

Figure 2



CONFIDENTIAL

Figure 3

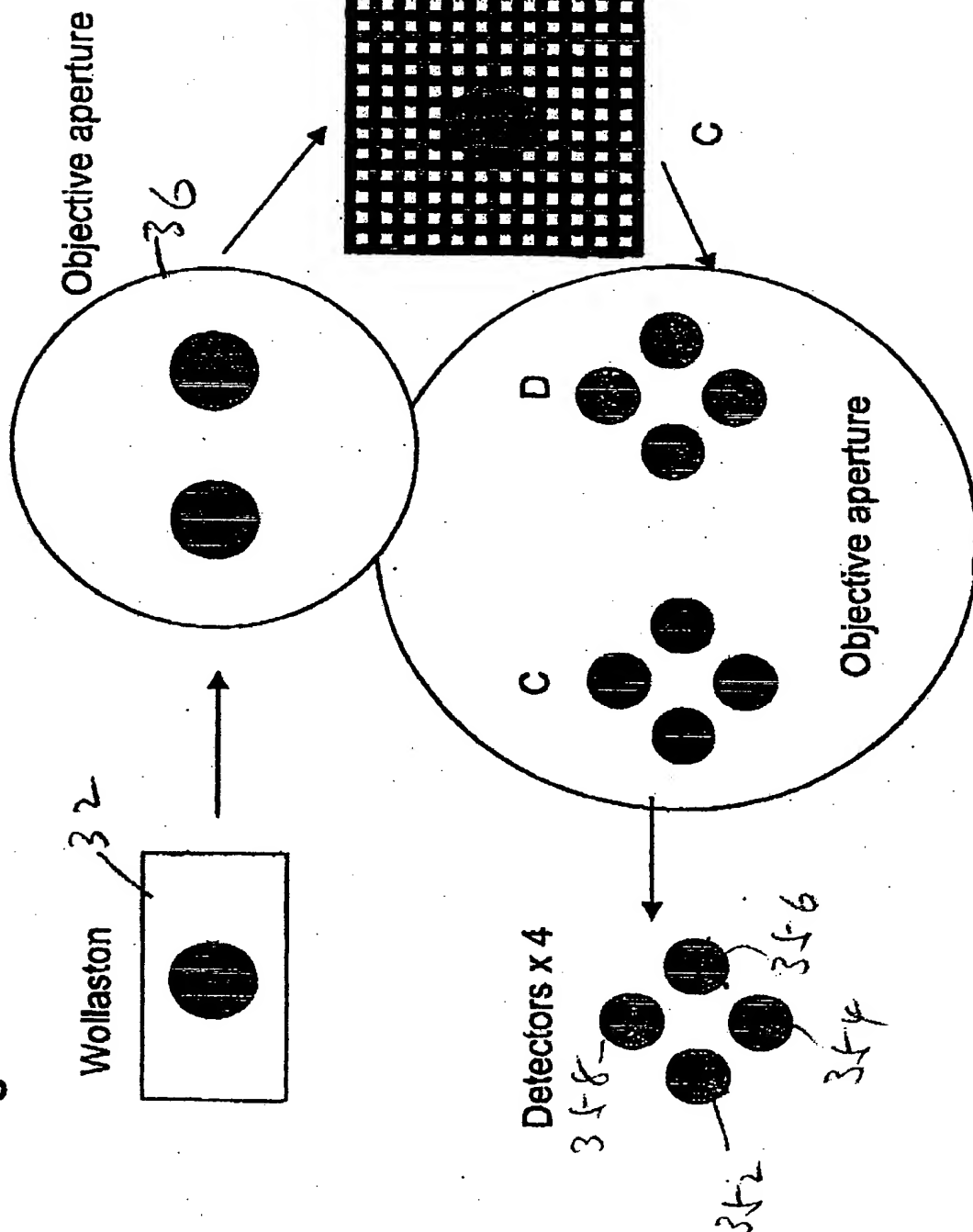


FIG. 13

0044
FIG. 14

